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|----------------------|-------|----|----------|
| 435                  | Class | 34 | Subclass |
| ISSUE CLASSIFICATION |       |    |          |

FILED UNDER 35 U.S.C. 371

PATENT NUMBER

6642017



6642017

U.S. UTILITY Patent Application

|                                    |                            |
|------------------------------------|----------------------------|
| O.I.P.E.<br><i>ONE</i>             | PATENT DATE<br>NOV 04 2003 |
| SCANNED <i>L41</i> O.A. <i>1/c</i> |                            |

|                              |                 |              |                       |                         |                          |
|------------------------------|-----------------|--------------|-----------------------|-------------------------|--------------------------|
| APPLICATION NO.<br>09/831184 | CONT/PRIOR<br>D | CLASS<br>435 | SUBCLASS<br><i>34</i> | ART UNIT<br><i>1654</i> | EXAMINER<br><i>LEARY</i> |
|------------------------------|-----------------|--------------|-----------------------|-------------------------|--------------------------|

APPLICANTS Jeffrey Weiser

TITLE Modulating production of pneumococcal capsular polysaccharide

PTO-2040  
12/99

| ISSUING CLASSIFICATION  |          |                    |                                   |    |   |  |  |  |  |
|---|----------|--------------------|-----------------------------------|----|---|--|--|--|--|
| ORIGINAL  |          | CROSS REFERENCE(S) |                                   |    |   |  |  |  |  |
| CLASS   | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |    |   |  |  |  |  |
| 435   | 34       | 435                | 29                                | 36 | 4 |  |  |  |  |
| INTERNATIONAL CLASSIFICATION  |          |                    |                                   |    |   |  |  |  |  |
| C120  | Y04      |                    |                                   |    |   |  |  |  |  |
| C120  | Y02      |                    |                                   |    |   |  |  |  |  |
| C120  | Y14      |                    |                                   |    |   |  |  |  |  |
| C120  | Y00      |                    |                                   |    |   |  |  |  |  |
| <input type="checkbox"/> Continued on Issue Slip Inside File Jacket |          |                    |                                   |    |   |  |  |  |  |

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|--|--|--|--|---|--|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b><br><br><input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____<br><br><input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | <b>DRAWINGS</b><br>Sheets Drwg. <i>45</i> Figs. Drwg. <i>423</i> Print Fig. <i>2A</i>              |  |  | <b>CLAIMS ALLOWED</b><br>Total Claims <i>26</i> Print Claim for O.G. <i>1</i> |  |
|  | (Assistant Examiner) _____ (Date) _____  |  |  | <b>NOTICE OF ALLOWANCE MAILED</b><br><i>4/22/03</i>                           |  |
|  | LOUISE N. LEARY<br>PRIMARY EXAMINER<br><i>(Signature)</i> <i>4/03</i><br>(Primary Examiner) (Date) |  |  | <b>ISSUE FEE</b><br>Amount Due <i>650.00</i> Date Paid <i>7/21/03</i>         |  |
|  | <i>(Signature)</i> <i>4/22/03</i><br>(Legal Instruments Examiner) (Date)                           |  |  | <b>ISSUE BATCH NUMBER</b>   |  |
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ISSUE FEE IN FILE

Formal Drawings(\_\_\_\_shts) set \_\_\_\_\_

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